

Release Date 11-12-69

CONFIDENTIAL

F-11

HOPKINS #1 FRYE STRAT 492  
SW NW 34-17N-5E Yavapai County

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>x</u>
7	1051'	200 SKS	NA	DRILLED BY CABLE TOOL	
10 5/4"	50'	60 SKS		PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	Strat

[illegible]

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <input checked="" type="checkbox"/>
None	NA	NA	SAMPLE DESCRP. _____
			SAMPLE NO. <u>          </u> * 166
			CORE ANALYSIS _____
			DSTs _____
			*Tucson 2547 _____
REMARKS _____			APP. TO PLUG _____
			PLUGGING REP. _____
			COMP. REPORT <input checked="" type="checkbox"/> X

PERMIT NUMBER

**CONFIDENTIAL**

Release Date 11-12-69

(over)

# WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

## DESIGNATE TYPE OF COMPLETION:

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☒

## DESCRIPTION OF WELL AND LEASE

Operator A. A. HOPKINS, JR., OPERATOR Address California  
9437 Santa Monica Blvd., Bev. Hills

Federal, State or Indian Lease Number or name of lessor if fee lease Hopkins #1 Frye Strat Well Number #1 Field & Reservoir Wildcat

Location 2283' S fr. the N line & 403' E fr the W line County Yavapai

Sec. TWP-Range or Block & Survey 34, T. 17 N., R. 5 E., GSRB&M

Date spudded 4-10-69 Date total depth reached 4-24-69 Date completed, ready to produce Did not Elevation (D.F. REB, RT or Gr.) 4000' Elevation of casing hd. flange 412'

Total depth 1405' P.B.T.D. 1027' Single, dual or triple completion? ----- If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion None Rotary tools used (interval) 0 to 1405' Cable tools used (interval) -----

Was this well directionally drilled? No Was directional survey made? ----- Was copy of directional survey filed? ----- Date filed -----

Type of electrical or other logs run (check logs filed with the commission) None Date filed -----

## CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
conductor	15"	10 3/4"	32#	0 to 50'	60	None
water string	8 3/4"	7"	20#	0 to 1051'	200	None

## TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.	in.	ft.	ft.		

## LINER RECORD

PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval		Amt. & kind of material used	Depth Interval

## INITIAL PRODUCTION

Date of first production ----- Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) -----

Date of test ----- Hrs. tested ----- Choke size ----- Oil prod. during test ----- Gas prod. during test ----- Water prod. during test ----- Oil gravity -----

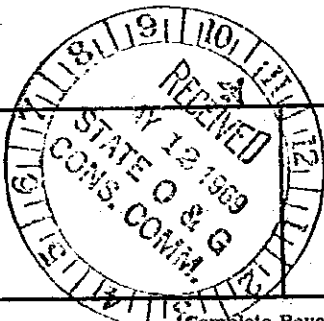
Tubing pressure ----- Casing pressure ----- Cal'd rate of Production per 24 hrs. ----- Oil ----- Gas ----- Water ----- Gas-oil ratio -----

Disposition of gas (state whether vented, used for fuel or sold): -----

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the owner of the A. A. Hopkins, Jr., Operator (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date May 9, 1969 Signature A. A. Hopkins, Jr.

Permit No. 492



STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Well Completion or Recompletion Report and Well Log  
Form No. 4  
File One Copy

(Complete Reverse Side)

### DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Permian Supai	0	582'	Red sandstone and shale
Mississippian Redwall Limestone	582'	753'	White, finely crystalline, dense limestone
Devonian Martin Form.	753'	1232'	Dark brown shale, purple shale, gray to pink dolomite.
Cambrian Tapeats Form.	1232'	1273'	Light to dark gray, hackly, micaceous dolomite
Pre-Cambrian Igneous Intrusive	1273'	1370'	Blue gray to green and black, dense Basalt.
Pre-Cambrian Granite	1370'	1405'	Red, mottled, very calcitic granite.

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

#### INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

TO: Oil and Gas Conservation Commission  
State of Arizona  
1624 W. Adams, Room 202  
Phoenix, Arizona 85007

This is to advise you that I accept the abandoned wildcat well, known as the  
Hopkins- #1 Frye Strat located on the SW 1/4 NW 1/4 1/4-1/4  
of Section 34 Township 17N Range 5E, County of Yavapai  
Arizona, as a water well to be used for domestic purposes.

Further, I accept full responsibility for the proper maintenance and use of  
the above well, including final plugging, in full compliance with the Rules  
and Regulations adopted by the Oil and Gas Conservation Commission.

I understand that I am responsible for compliance with the provisions of the  
State Water Code, Chapter 1, Title 45, Arizona Revised Statutes and with any  
applicable requirements of U.S. Geological Survey.

Signature Helen Varner Frye  
Address Star Route 2, Sedona, Arizona  
86336

State of Arizona  
County of Coconino

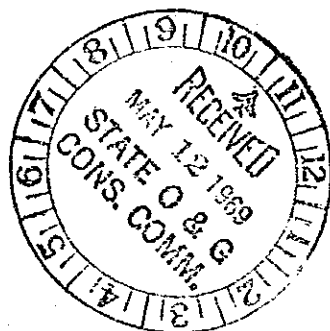
On this, the 8 day of May, 1969, before me, \_\_\_\_\_

John C. Webb, the undersigned officer, personally appeared

Helen Varner Frye, known to me (or satisfactorily proven)  
to be the person whose name is subscribed to the within instrument and ack-  
nowledged that she executed the same for the  
purpose therein contained.

In witness whereof I hereunto set my hand and official seal.

Notary Public John C. Webb  
My Commission expires My Commission Expires June 25, 1972



Permit No. 492

State of Arizona  
OIL & GAS CONSERVATION COMMISSION  
WATER WELL ACCEPTANCE  
Form 26 - File one copy

[illegible]



1





**SUNDY NOTICES AND REPORTS ON WELLS**

1. Name of Operator A. A. HOPKINS, JR., OPERATOR

2. OIL WELL ☒ GAS WELL ☐ OTHER ☐ (Specify) \_\_\_\_\_

3. Well Name Hopkins #1 Frye Strat

Location 2283' S fr. N line & 403' E fr. W line

Sec. 34 Twp. 17 N Rgn. 5 E County Yavapai Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Helen M. Frye

5. Field or Pool Name Wildcat

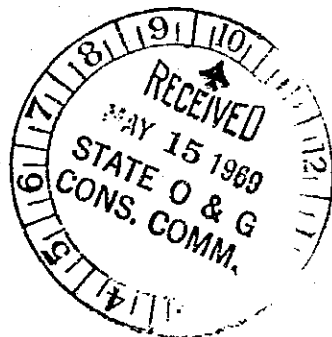
6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Progress Report</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

O'donnell & Ewing, Inc. moved their U34 rig onto location 4-8-69, rigged up and spudded at 10 P.M. on 4-10-69, drilled to 50' at 4:00 P.M. on 4-15-69, ran and cemented 50' of new 10 3/4", 32#, J-55 casing with 75 sacks of construction cement type 2, drilled ahead to 1050' on 4-19-69 and ran and cemented 1051' of used 7", 23#, J-55 casing with 75 sacks, re-cemented 7" casing with 200 sacks type 2 cement on 4-21-69; found 7" casing had parted at 630' and pulled same free, ran in with Bowen casing patch and sealed same; drilled ahead to 1405' in granite, plugged back with 50 sacks to 1027' and abandoned well to landowner as water well.



8. I hereby certify that the foregoing is true and correct.

Signed A. A. Hopkins, Jr. Title Owner Date 5-14-69

Permit No. 492

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Sundry Notices and Reports On Wells  
File 25 Copies  
Form No. 25

X-Chrono

April 24, 1969

MEMO TO: File 492  
Hopkins #1 Frye

FROM: John Bannister

T.D. of the well today 1405'. 7" pipe had been set to 1051. Well is to be plugged and as of this date cement had been set from T.D. to 1027. The 7-1/2" casing will be left in the hole and has not been perforated.

Helen Frye, land owner, indicated her desire to take the well over as a water well. She indicated at first she desired the pit to be left unfilled, however on the 25th notified me it was now her desire to have the pit filled in.

In drilling this well, 10 bits were used - 3 hard rock bits and 7 button bits. Button bits averaged 3 to 400' per bit. Three rock bits were worn out in attempting to drill rat hole and the deepest penetration secured was to the best of our belief 47'. This was abandoned and in lieu of using a rat hole the Kelly was hung.

April 25, 1969

Rig down began the evening of the 24th and rig was being moved to location of the Hopkins #1 Coconino

492

# 192

Notes Stat:

Telephone AA Pipeline, Co. — 4.24.69

TD 1405 Granite

Depth: Top of surface  
Thru Retwall --- 580'  
Devonian --- 720'  
Cambrian --- 1240'  
pre-Cambrian --- 1290'  
TD --- 1405'

Good flow wks. @ 945'. Will  
turn well over to Inye as water  
well. Presently Halliburton is  
filling hole with cement up into  
the 7" csg. (which is set @  
1037').

(Will move O'Donnell Ewing Drilling Co.  
rig over to Cocconino Cattle Co. (Shah)  
Probably spud this well Sat. or Sun.)

## WELL SITE CHECK

Contractor

O'DONNELL EWING

Person(s) Contacted

Bert M. CornickBy JS  
Date 4-21-69

Spud date \_\_\_\_\_

Type Rig \_\_\_\_\_

Rotary ☒  
Cable \_\_\_\_\_

Present Operations

Drilling @ 1070Samples TAKING 10' Samples.Pipe Re-Set 7" @ 1037 W/955X

Drilling with

Air ☒  
Mud \_\_\_\_\_

Water Zones

940' (over 100 bbls  
fresh wtr per Hr)

Size Hole

6 1/4

Lost Circ. Zones \_\_\_\_\_

Size Drill Pipe \_\_\_\_\_

Formation Tops

Spud in Supai

Type Bit \_\_\_\_\_

Cores, Logs, DST \_\_\_\_\_

No. Bit \_\_\_\_\_

Drilling Rate \_\_\_\_\_

Formation \_\_\_\_\_

Crews

RUNNING  
3 8-HR SHIFTS

Lithology \_\_\_\_\_

REMARKS, PHOTO, MAP

Had to re-set 7" CSG. — (Thinking was  
that on first job, not enough time  
was allowed for cement to dry on  
first time that 7" CSG WAS SET.)

WELL NAME

HOPKINS #1 FRYE STRAT

Permit No.

492

Confidential:

Yes No

April 21, 1969

MEMO TO: File 492  
#1 Frye

From: John Bannister

A. A. Hopkins, Jr. phoned this date and advised that 7" casing has been placed to 1037. Well is drilling today at 1070' with 20' of water in the hole.

Operator advised that cement on the 7" casing had come down into the hole and that Halliburton had been contacted to correct this condition. He also advised Halliburton had agreed to leave a truck for cement work available in the Sedona area.

492

X-Chrono  
File

April 14, 1969

MEMO TO: Hopkins #1 Frye Strat  
Permit #492

FROM : John Bannister

This well was spudded at 6:00 a.m. Saturday, April the 12th. Surface was Malapai and Chert. Driller reports that he wore out three bits attempting to drill a rat hole. Finally gave up. As of the 14th, 50' of 10-3/4" surface casing had been set with 6 yards of cement. Surface hole was 17 1/4". Drilling ahead.

4/17/69

Re Hopkins reported they were drilling  
at 370' today.

11:45 AM

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## WELL SITE CHECK

Contractor D'Donnell-Ewing Person(s) Contacted Hopkins, D'Donnell,  
 Spud date \_\_\_\_\_ By JB  
 Date 4-9-69  
 Type Rig 11-34 Rotary ☒ Cable ☐ Present Operations Moving in  
 Samples \_\_\_\_\_ rig  
 Pipe \_\_\_\_\_ Drilling with Air \_\_\_\_\_ Mud \_\_\_\_\_  
 Water Zones \_\_\_\_\_ Size Hole \_\_\_\_\_  
 Lost Circ. Zones \_\_\_\_\_ Size Drill Pipe \_\_\_\_\_  
 Formation Tops \_\_\_\_\_ Type Bit \_\_\_\_\_  
 Cores, Logs, DST \_\_\_\_\_ No. Bit \_\_\_\_\_ Drilling Rate \_\_\_\_\_  
 Formation \_\_\_\_\_  
 Crews \_\_\_\_\_ Lithology \_\_\_\_\_

## REMARKS, PHOTO, MAP

Moving In - will start rigging up this PM

Location - go SW on Hwy 89A (From Sedona to Cottonwood.).

From Rainbow Inn - go 2.3 miles & turn left on Red Rock Loop Rd, go .9 miles & turn L, go 1.4 mi & go st on main road (don't go right), go 50' & left, go .4 mi and go st. (don't go right), go 300' & st. again, go .2 miles and turn Right into Smoke Trail Ranch - well sight .7 miles -

After turn on Red Rock Loop Rd - bear left on main road to Smoke Trail Ranch

WELL NAME

Hopkins #1 Frye

Permit No. 492  
 Confidential: ☒ Yes ☐ No



DESIGNATION OF OPERATOR

The undersigned is the record holder of Lease:  
(Number or name of lease and description of entire lease acreage)  
Helen Frye Lease dated March 17, 1969 covering property in Section  
33 and 34, T. 17 N., R. 5 E., G.S.R.B.&M., Yavapai County, Arizona  
As more particularly described in the attached property description.

and hereby designates

Name: A. A. Hopkins, Jr., Operator

Address: 9437 Santa Monica Boulevard, Beverly Hills, California 90210

as his operator and local agent, with full authority to act in his be-  
half in complying with the terms of the lease and all regulations,  
whether Federal, Indian, State, or local, applicable thereto and on whom  
may be served written or oral instructions in securing compliance with  
all the applicable lease terms, and rules and regulations of the Oil  
and Gas Conservation Commission, State of Arizona, with respect to:

(Describe only the acreage to which this designation applies)

All acreage hereinabove described.

It is understood that this designation of operator does not re-  
lieve the lessee of responsibility for compliance with the terms of the  
lease and with all the applicable rules and regulations of the Oil and  
Gas Conservation Commission, State of Arizona. It is understood that  
this designation of operator does not constitute an assignment of any  
interest in the lease.

In case of default on the part of the designated operator, the  
record holder of the lease remains primarily responsible for and will  
make full and prompt compliance with all applicable lease terms, the  
rules and regulations of the Oil and Gas Conservation Commission, State  
of Arizona, or orders of other appropriate regulatory governmental  
agencies.

The lessee agrees promptly to notify all proper authorities and  
appropriate regulatory governmental agencies on any change in the des-  
ignated operator.

The designated operator agrees to promptly notify all proper au-  
thorities of any change of his address during the period in which this  
designation of operator is in force.

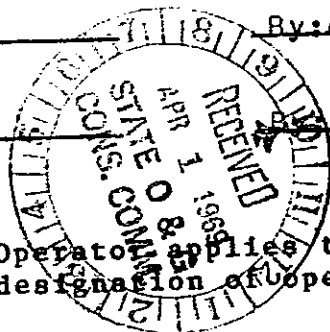
March 30, 1969  
(Date)

March 30, 1969  
(Date)

By: A. A. Hopkins, Jr., President  
Lessee

A. A. Hopkins, Jr.  
Designated Operator

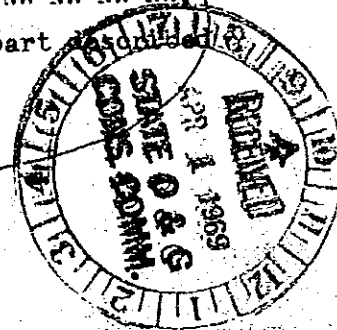
(If this Designation of Operator applies to a State of Arizona Oil and  
Gas Lease, copy of this designation of operator must be filed with the  
State Land Department.)



DOUGLAS E. PERKINS  
P. O. BOX 874  
SEDONA, ARIZONA 86336

DESCRIPTION OF THE HELEN FRYE PROPERTIES KNOWN AS THE SMOKE TRAIL RANCH AND  
THE WINGS OF THE WIND HOMESITE

E/2 NE SE, NE SE SE, NE section 33, except that part described as beginning at a 3/4" pipe at the SE corner of N/2 SW NW section 33, thence N 88°25' E 1331.38', thence S 1°12' E 660.80', thence N 88°40' E 1425.43', thence N 0°2' E 1207.87', thence N 64°57' E 109.20', thence N 63°24' E 414.82', thence N 5°51' W 236.70', thence N 61°10' E 122.00', thence N 10°30' W 183.60', thence N 13°36' W 221.97', thence N 36°20' W 171.35', thence N 32°03' W 131.32', thence N 38°05' W 90.34', thence N 75°46' W 420.53', thence S 77°52' W 308.39', thence S 62°33' W 107.63', thence S 56°37' W 432.16', thence N 23°00' W 60.00', thence N 23°29' W 49.80', thence N 47°39' W 266.51', thence S 50°12' W 131.89', thence S 56°01' W 247.10', thence S 1°12' E 297.15', thence S 65°44' W 178.88', thence S 58°11' W 367.45', thence S 49°54' W 344.13', thence S 63°27' W 114.13', thence S 47°41' W 305.46', thence S 27°23' W 165.61', thence S 57°51' W 191.09', thence S 0°47' E 385.64' to the POB, AND EXCEPT that part described as beginning at the North Quarter corner of section 33, thence N 88°15' E along the North line of section 33 324.20' to the intersection of said north line and the centerline of the County Road known as the Red Rock Road, said intersection being marked by a 3/4" pipe below the surface of said Road, thence southwesterly along a curve to the right and convex to the southeast along said centerline of said road a curve distance of 167.12' to a point, said curve having a radius of 727.01', a central angle of 13°10'15", and the back tangent having a length of 83.93' and a bearing of S 37°47'15" W, thence S 50°57'30" W along said centerline of said road a distance of 183.38' to a point, thence along a curve to the right and convex to the southeast along said centerline of said road having a radius of 858.63', a central angle of 6°43'15", and a tangent distance of 50°42', the bearing of the forward tangent being S 57°40'45" W a curve distance of 100.72' to the intersection of said centerline of said road with the west line of the northeast quarter of section 33, said intersection being marked by a 1/2" pipe set below the surface of said road, thence N 3°22' E along the west line of the northeast quarter of section 33 to the north quarter corner of section 33 and the POB; and the S/2 NW, S/2 NW NW, S/2 N/2 NW NW, NW NW NW NW, N/2 SW, N/2 S/2 SW, W/2 NW SE, W/2 SW NE section 34, except that part



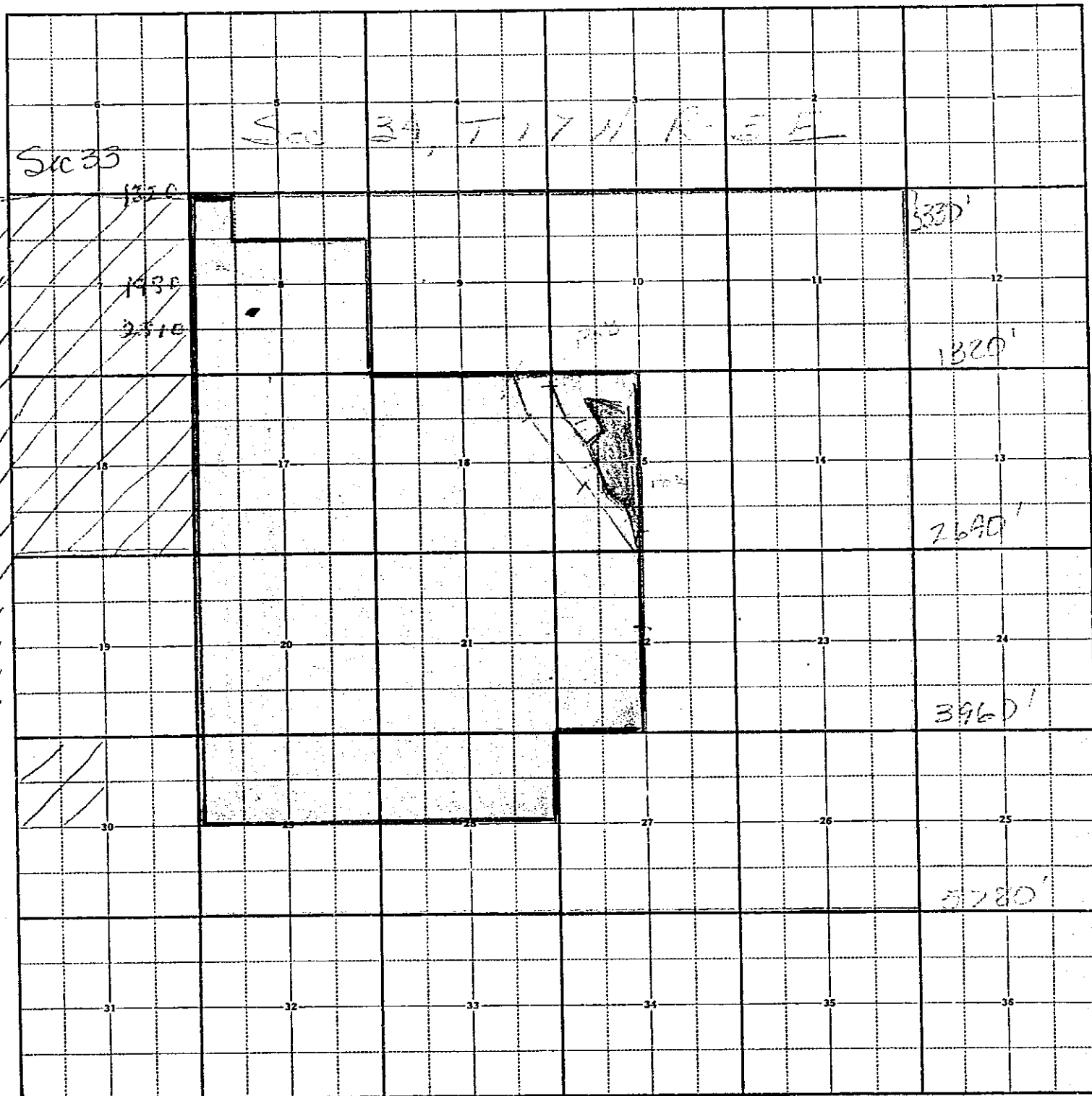
page 2

DESCRIPTION OF THE HELEN FRYE PROPERTIES KNOWN AS THE SMOKE TRAIL RANCH AND  
THE WINGS OF THE WIND HOMESITE

as beginning at the northeast corner of the SE NW section 34, thence S3°09'W  
62.45' along the east line of SE NW section 34, thence S26°02'E 140.15', thence  
S49°35'E 188.05', thence S10°12'E 128.45', thence S21°29'E 259.1', thence  
S63°15'E 266.65', thence S43°04'E 53.2' to the east line of the W/2 SW NE section  
34, thence S3°34'W 477.6' to the southeast corner of W/2 SW NE section 34, thence  
S4°00'W 500.0' along the east line of W/2 NW SE section 34, thence N42°30'W  
404.0', thence N49°14'W 1026.9' to a point in Oak Creek, thence N11°43'W 505.0'  
up the center of Oak Creek, thence N33°00'W 397.2' up the center of Oak Creek  
to the north line of the SE NW section 34, thence N88°39'E 850.00' along said  
north line to the POB, AND EXCEPT that part described as beginning at a point  
on the east line of the W/2 NW SE that lies S4°00'W 500.0' from the northeast  
corner of the W/2 NW SE section 34, thence S4°00'W 470.7' along the east line  
of W/2 NW SE section 34, thence S48°49'W 52.5', thence N46°42'W 327.9', thence  
N 22°18'W 105.6', thence N54°31'W 197.5', thence N20°59'W 235.0', thence  
N48°12'W 152.8', thence S89°38'W 148.7', thence N39°22'W 304.9' to a point in  
Oak Creek, thence N41°24'E 123.3' up the center of Oak Creek, thence N11°43'W  
395.0' up the center of Oak Creek, thence S49°14'E 1026.9', thence S42°30'E  
404.0' to the POB; all in T 17 N, R 5 E, G&SRB&M, in Yavapai County, Arizona,  
and comprising approximately 370 acres according to the figures of Purchase.



Township \_\_\_\_\_, Range \_\_\_\_\_, County \_\_\_\_\_, State \_\_\_\_\_



# APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☒

RE-ENTER OLD WELL ☐

A. A. HOPKINS, JR., OPERATOR  
NAME OF COMPANY OR OPERATOR

9437 Santa Monica Blvd., Beverly Hills, California 90210  
Address City State

MIKE O'DONNELL DRILLING COMPANY  
Drilling Contractor  
Phoenix, Arizona  
Address

## DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor <b>HELEN FRYE</b>	Well number <b>#1 Strat test</b>	Elevation (ground) <b>4,000'</b>
Nearest distance from proposed location to property or lease line: <b>2237'</b>	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: <b>None</b>	
Number of acres in lease: <b>370</b>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <b>None</b>	

If lease, purchased with one or more wells drilled, from whom purchased: \_\_\_\_\_ Name Address

Well location (give footage from section lines) <b>2283' S fr. N line &amp; 403' E of W 34, T 17 N, R 5 E.</b>	Dedication (Comply with Rule 105) <b>80 acres</b>
Field and reservoir (if wildcat, so state) <b>Wildcat</b>	County <b>Yavapai</b>

Distance, in miles, and direction from nearest town or post office  
**6 miles southwest of Sedona, Arizona**

Proposed depth: <b>1,200'</b>	Rotary or cable tools <b>Rotary with air</b>	Approx. date work will start <b>April 2, 1969</b>
----------------------------------	---	--

Bond Status: <b>Applied for</b>	Organization Report	Filing Fee of \$25.00
Amount: <b>\$5,000.00</b>	On file <input checked="" type="checkbox"/> Or attached	Attached <input checked="" type="checkbox"/>

Remarks: This well is to be drilled as a stratigraphic test even though sufficient acreage is available to qualify under Rule 105 and all well information is to be kept strictly confidential

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the owner of the

A. A. Hopkins, Jr., Operator (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

*A. A. Hopkins, Jr.*  
Signature

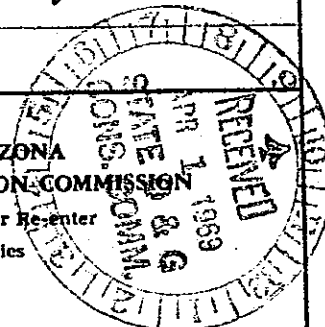
March 29, 1969  
Date

Permit Number: **492**  
Approval Date: **4-2-69**  
Approved By: *John Lannister*

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Application to Drill or Re-enter  
File Two Copies



1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO \_\_\_\_\_
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES \_\_\_\_\_ NO \_\_\_\_\_ If answer is "yes," Type of Consolidation \_\_\_\_\_
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p style="text-align: center; margin: 0;"><b>CERTIFICATION</b></p> <p style="margin: 0;">I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">   <b>A. A. Hopkins, Jr.</b>  Name </div> <div style="text-align: center;"> <b>Owner</b>  Position  <b>A. A. Hopkins, Jr.</b>  Company  <b>March 30, 1969</b>  Date </div> </div> </div>	<p style="margin: 0;">I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p>
<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p style="margin: 0;">Date Surveyed</p> <hr/> <p style="margin: 0;">Registered Professional Engineer and/or Land Surveyor</p> <hr/> <p style="margin: 0;">Certificate No.</p> <hr/> </div>	<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p style="margin: 0;">0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0</p> </div>

Size of Casting	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
10 3/4"	32#	J-55	0	60	0-60	15 sx
7"	17#	J-55	0	1050'	None	None
4 1/2"	9.7#	J-55	0	1200'	0-1200'	100 sx

28 27 Brass Cap  
33 34

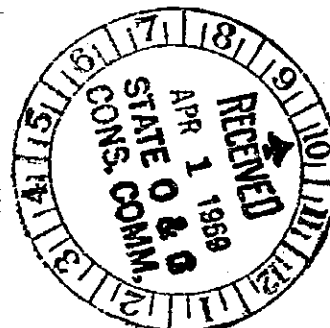
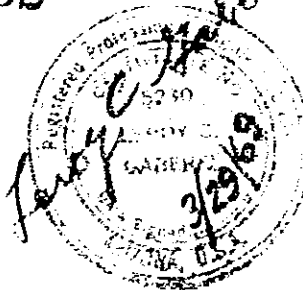
2283

403' Well Site

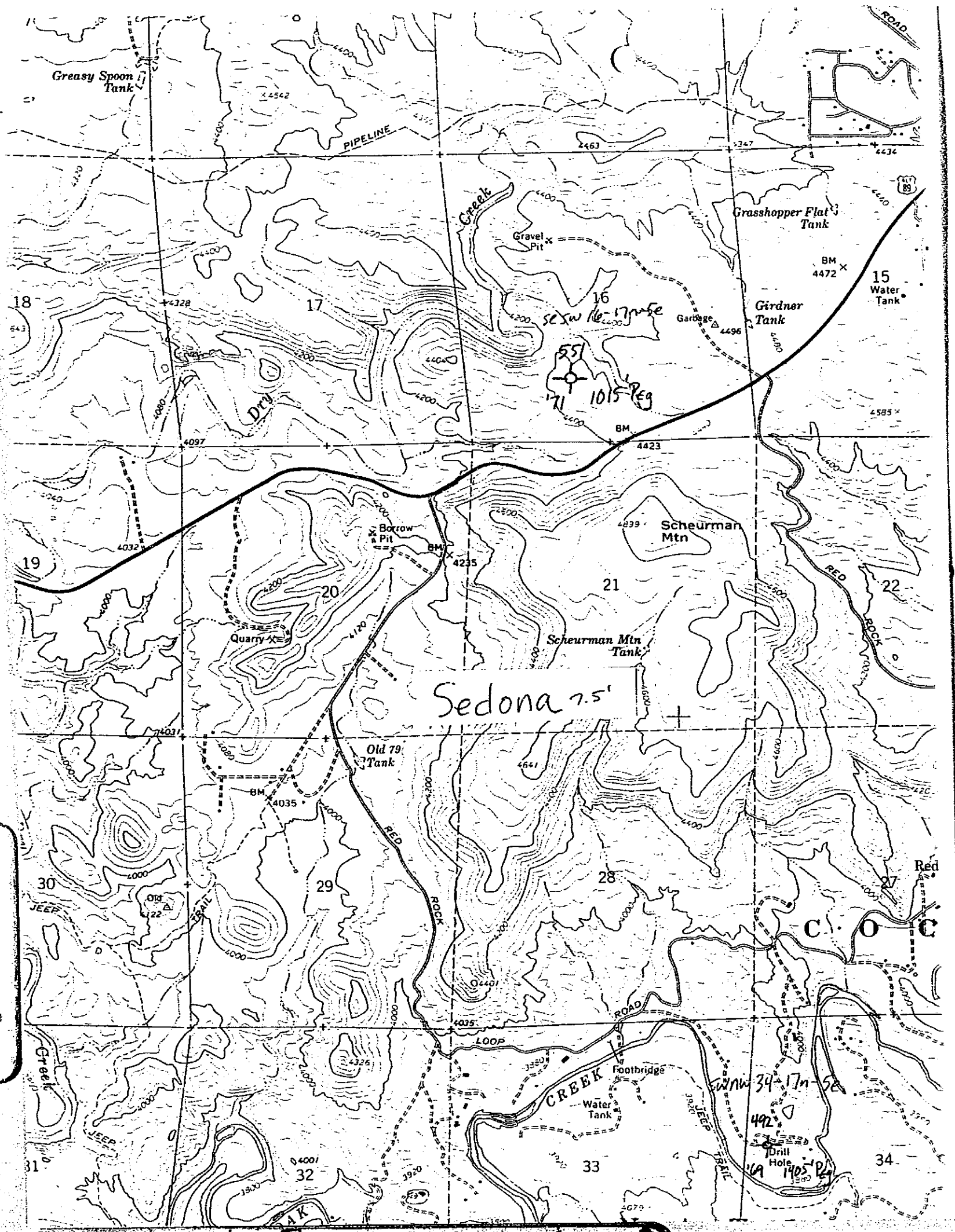
Well Site Elevation  
4000

WELL SITE  
HOPKINS - FRYE  
IN SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  SEC 34  
T17N, R5E, G2SR B&M  
on property of Helen Frye  
Yavapai County, Arizona

492



L. C. GABEREL, P.E.  
SEDONA, ARIZONA





Topographic map of the Sedona area in Coconino County, Arizona. The map shows the Grand Canyon National Park and the town of Sedona. Key features include the Grand Canyon, the Colorado River, and the town of Sedona. The map is labeled with 'Sedona 7.5' and 'COCONINO'. The map is oriented with North at the top.



## PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,  
STATE OF ARIZONA,

To: A. A. HOPKINS, JR.  
(OPERATOR)

to drill a well to be known as

HOPKINS #1 FRYE STRAT  
(WELL NAME)

located 2283' FWL - 403' FWL

Section 34 Township 17N Range 5E, YAVAPAI County, Arizona.

The \_\_\_\_\_ of said  
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled  
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 2nd day of APRIL, 19 69.

OIL AND GAS CONSERVATION COMMISSION

By John Bannister  
EXECUTIVE SECRETARY

PERMIT No 492

RECEIPT NO. 9573.  
API NO. 02-025-20007

SAMPLES ARE REQUIRED

State of Arizona  
Oil & Gas Conservation Commission

Permit to Drill

FORM NO. 27



Samples start at 20' in SUPAI FORMATION

ABBREVIATIONS FOR LIMESTONE CLASSIFICATION

B: BOUNDSTONE  
G: GRAINSTONE  
P: PACKSTONE  
W: WACKSTONE  
M: MUDSTONE

1	Ss, red, very fine, subangular, well sorted	
2	D., red, fine	
3	Ss, red, very fine, subangular, well sorted	
4	D., red, fine	
5	Ss, red, very fine, subangular, well sorted	
6	TOP: MISSISSIPPIAN Ss, red, very fine, subangular, well sorted Porosity: Interstitial to medium, recrystallized	
7	L., white to pink, medium to coarse, recrystallized	
8	C, white to yellow, smooth, milky L., white, medium to fine, oolitic, loose Porosity: Interstitial D., red, fine to medium TOP: DEVONIAN D., tan to grey, fine	
9	D., grey to red, fine	
10	L., tan to pink, fine to medium, recrystallized D., tan, fine, sandy (medium to coarse small quartz grains) D., tan, fine, micaceous Ss, white to colorless, fine to medium, subangular, poorly sorted Samples too poor to describe	
11	D., tan to grey, fine Ss, grey, fine to very fine, subangular, well sorted, pyritic	
12	D., grey to red, fine to very fine TOP: CAMBRIAN L., yellow to red to grey limestone and dolomite pebbles; red to grey coarse Ss, red to grey shale possible in pre-Cambrian Basalt: grey, ground mass	
13	Basalt: brown to grey, ground mass few white to grey Feldspar crystals Gneiss: orange to pink Feldspar, white to grey quartz, lenses of black to green mafics	
14	T. D.: 1,405' in Pre-Cambrian PROD: DEA	

Hopkins #1

A. A. HOPKINS, JR.,  
Geologist

X-THROU  
X-Lambert

August 20, 1969

Mrs. Helen Varner Frye  
Star Route #2  
Sedona, Arizona 86336

Re: Hopkins #1 Frye Strat  
T17N, R5E, G & SRM  
Sec. 34: SW/4 NW/4  
Yavapai County  
Permit #492

Dear Mrs. Frye:

Enclosed is Well Completion Report and a Well Progress Report. The Executive Secretary of this Commission instructed me to mail this data to you.

I wish to point out that no electric logs were run on this well and that we have none in our possession.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf  
Enc.

492

X-CHRONO  
X-LAMBERT

July 23, 1969

Mr. A. A. Hopkins, Jr.  
Oak Creek Trailer Park  
Space #3  
Sedona, Arizona 86336

Re: Hopkins #1 Hallermund, Permit 487X  
Hopkins #1 Frye Strat, Permit 492  
Hopkins #1 Coconino Cattle Company Strat, Permit 493X  
Hopkins #34-2 Federal, Permit 495X  
Hopkins #1 Jordan Strat, Permit 498X

Dear Mr. Hopkins:

Enclosed is a photocopy of a letter we sent to Fireman's releasing the bond on the #1 Hallermund. This was done in May and our records indicate that we notified you at both Sedona and Beverly Hills. We regret that you did not receive this letter. You will also find enclosed copies of our letters to the bonding companies releasing the bonds on the #1 Frye Strat, the #1 Coconino Cattle Company Strat, and the #34-2 Federal wells.

We are unable to release the bond on the Hopkins #1 Jordan Strat at this time. When the rig has been removed from the well site and an inspection has been made that the site is properly cleaned and marked, we will be willing to release the bond pertaining to that well. Please advise us when you have complied with the conditions enumerated pertaining to the #1 Jordan Strat.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf  
Enc.

X-Chrono  
X-Lambert

July 23, 1969

Fireman's Fund Insurance Company  
3800 North Central Avenue  
Suite 505  
Phoenix, Arizona 85012

Re: Hopkins #1 Frye Strat  
T17N, R5E, G & SRM  
Sec. 34: SW/4 NW/4  
Yavapai County  
Permit #492  
Bond No. SLR 707-14-71

Gentlemen:

Records of this office indicate that on 7-23-69 Mr. A. A. Hopkins, Jr. fulfilled his obligations to the Commission as to the requirements pertaining to the captioned well. We authorize termination of the referenced bond effective this date.

Yours truly,

John Bannister  
Executive Secretary

JAL:jf

cc: Mr. A. A. Hopkins, Sedona, Arizona

492

Executed in Duplicate

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Premium: \$50.00

Bond Serial No. SLR-707 14 71

That we: A. A. Hopkins, Jr. Operator

of the County of Los Angeles in the State of California

as principal, and FIREMAN'S FUND INSURANCE COMPANY

of 3223 W. 6th St., L.A., Calif. 90005

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of FIVE THOUSAND (\$5,000.) DOLLARS lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

Helen Frye #1, Section 34, Township 17N, Range 5E, GSR B & M, Yavapai County, Arizona

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation, including, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 28th day of March, 19 69

A. A. Hopkins, Jr., Operator

COUNTY OF LOS ANGELES ss.

On this 28th day of March, in the year 19 69,

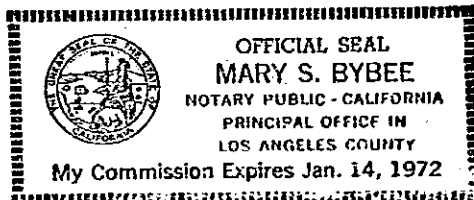
before me, Mary S. Bybee

a NOTARY PUBLIC in and for said County and State, personally appeared

Robert R. Nelson

known to me to be the person whose name is subscribed to the within instrument as the Attorney-in-fact of the FIREMAN'S FUND INSURANCE COMPANY, and acknowledged to me that he subscribed the name of the FIREMAN'S FUND INSURANCE COMPANY thereto as principal, and his own name as Attorney-in-fact.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office, in said County and State, the day and year in this certificate first above written.



Mary S. Bybee  
Notary Public in and for said County and State

My commission expires \_\_\_\_\_



Executed in Duplicate

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Premium: \$50.00

Bond Serial No. SIR-707 14 71

That we: A. A. Hopkins, Jr. Operator

of the County of Los Angeles in the State of California

as principal, and FIREMAN'S FUND INSURANCE COMPANY

of 3223 W. 6th St., L.A., Calif. 90005

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of FIVE THOUSAND (\$5,000.) DOLLARS

lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

Helen Frye #1, Section 34, Township 17N, Range 5E, GSR B & M, Yavapai County, Arizona  
(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. §27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation, but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 28th day of March, 19 69

A. A. Hopkins, Jr., Operator  
Principal

WITNESS our hands and seals this 28th day of March, 19 69

FIREMAN'S FUND INSURANCE COMPANY

By: Robert R. Nelson  
Robert R. Nelson

Surety

Attorney-in-Fact

By: Condy C. Meenan  
Condy C. Meenan

Surety, Resident Arizona Agent  
If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date 4-2-69  
STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
By: John Bannister  
Permit No. 492

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Bond  
File Two Copies  
Form No. 2

GENERAL  
POWER OF  
ATTORNEY

FIREMAN'S FUND INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That FIREMAN'S FUND INSURANCE COMPANY, a Corporation duly organized and existing under the laws of the State of California, and having its principal office in the City and County of San Francisco, in said State, has made, constituted and appointed, and does by these presents make, constitute and appoint **ROBERT R. NELSON** -----

its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver any and all bonds, undertakings, recognizances or other written obligations in the nature thereof -----

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

This power of attorney is granted pursuant to Article VIII, Section 30 and 31 of By-laws of FIREMAN'S FUND INSURANCE COMPANY adopted on the 19th day of November, 1965, and now in full force and effect.

"Article VIII. Appointment and Authority of Resident Assistant Secretaries, and Attorneys-in-Fact and Agents to accept Legal Process and Make Appearances.

Section 30. Appointment. The Chairman of the Board of Directors, the President, any Vice-President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice-President, may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation and Agents to accept legal process and make appearances for and on behalf of the Corporation.

Section 31. Authority. The Authority of such Resident Assistant Secretaries, Attorneys-in-Fact, and Agents shall be as prescribed in the instrument evidencing their appointment, and any such appointment and all authority granted thereby may be revoked at any time by the Board of Directors or by any person empowered to make such appointment."

This power of attorney is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of FIREMAN'S FUND INSURANCE COMPANY at a meeting duly called and held on the 15th day of July, 1966, and that said Resolution has not been amended or repealed:

"RESOLVED, that the signature of any Vice-President, Assistant Secretary, and Resident Assistant Secretary of this Corporation, and the seal of this Corporation may be affixed or printed on any power of attorney, on any revocation of any power of attorney, or on any certificate relating thereto, by facsimile, and any power of attorney, any revocation of any power of attorney, or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, FIREMAN'S FUND INSURANCE COMPANY has caused these presents to be signed by its Vice-President, and its corporate seal to be hereunto affixed this 17th day of MAY, 19 68.



STATE OF CALIFORNIA,  
CITY AND COUNTY OF SAN FRANCISCO

By

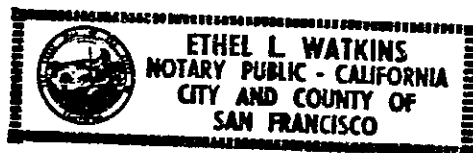
FIREMAN'S FUND INSURANCE COMPANY

S. D. MENIST, Vice-President

ss.

On this 17th day of MAY, 1968, before me personally came S. D. MENIST, to me known, who, being by me duly sworn, did depose and say: that he is Vice-President of FIREMAN'S FUND INSURANCE COMPANY, the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year herein first above written.



Ethel L. Watkins

ETHEL L. WATKINS, Notary Public  
My commission expires March 2, 1971.

CERTIFICATE

STATE OF CALIFORNIA,  
CITY AND COUNTY OF SAN FRANCISCO

ss.

I, the undersigned, Assistant Secretary of FIREMAN'S FUND INSURANCE COMPANY, a CALIFORNIA Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore that Article VIII, Sections 30 and 31 of the By-laws of the Corporation, and the Resolution of the Board of Directors, set forth in the Power of Attorney, are now in force.

Signed and sealed at the City and County of San Francisco. Dated the 28th day of March, 19 69.



Winifred H. Browne

WINIFRED H. BROWNE, Assistant Secretary

**A. A. HOPKINS, JR., OPERATOR**

9437 SANTA MONICA BOULEVARD  
BEVERLY HILLS, CALIFORNIA 90210  
(213) CRESTVIEW 4-9353

July 22, 1969

Mr. Jay Eby, District Ranger  
U. S. Forest Service  
Sedona, Arizona 86336

Dear Mr. Eby:

I am submitting herewith a new proposed drilling location known as the Hopkins-Federal #33-1 situated in Section 33, Township 18 North, Range 5 East, Yavapai County, Arizona.

Both the survey by Mr. Leroy Gaberel and a signed application for a permit to drill are tendered to you at this time. I shall appreciate your giving this matter your full consideration in order that a permit can be rapidly expedited.

Thank you.

Very truly yours,

A. A. HOPKINS, JR., OPERATOR

A. A. Hopkins, Jr.

AAH/m

Encl (s)

cc Mr. John Bannister, Secretary  
Oil & Gas Conservation Commission

P. S. John, I have received no notification from your office as yet that any of the Drilling Bonds covering the Frye #1, Hallermund #1, Coconino Cattel Co. #1, Federal #34-2 or Jordan #1 have been released. Since all conditions have been fulfilled, will you kindly attend to these releases.  
Thank you.

492

Handwritten notes and signatures at the bottom right of the page, including "L. A. Bannister" and "J. Eby".

X-Chase  
X-Lambert

May 13, 1969

Mr. A. A. Hopkins, Jr.  
Oak Creek Trailer Park  
Space #3  
Sedona, Arizona 86336

Re: Hopkins #34-2 Federal, Permit #495 X  
Hopkins #1 Coconino Cattle Company Strat,  
Permit #493 X  
Hopkins #1 Frye Strat, Permit #492

Hopkins #1 Stevenson, Permit #486 X

Dear Mr. Hopkins:

Enclosed are five Form #25's, Sundry Notices and Reports on Wells. Please furnish us a description of your operations including spud date. Give us as much detail on these operations as you can from spud to clean up of site. We do not have any written information over your signature on any of these wells. You know that we have terminated the bond pertaining to the Stevenson, #486, despite the fact that we do not have a written report over your signature. Please cooperate with this office in furnishing information that might be of value to the State in the future.

Miss Ann has mailed the forms you requested under separate cover. We sent those forms in sufficient number that you will be able to report fully on five additional wells.

Al, I am counting on you to give us a description of your operations on each of these captioned wells.

Yours truly,

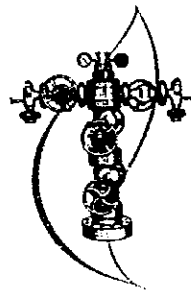
James A. Lambert  
Administrative Assistant

JAL:jf  
Enc.

492

**A. A. HOPKINS, JR., OPERATOR**

9437 SANTA MONICA BOULEVARD  
BEVERLY HILLS, CALIFORNIA 90210  
(213) CRESTVIEW 4-9353



May 9, 1969

Mr. John Bannister  
Oil & Gas Conservation Commission  
1624 West Adams - Room 202  
Phoenix, Arizona 85007

Dear Mr. Bannister:

487 - Enclosed find well completion report<sup>493</sup> on the Hopkins-#1 Frye<sup>492</sup> and the water well acceptance form on the same well. Mr. Jay Shields has delivered samples of cuttings on the Hopkins #1 Hallermund well and the Coconino Cattle Co. #1. Samples will be forthcoming on the Frye #1. Location cleanup has been completed on the Hallermund #1 and is in the process of being completed on both the Frye #1 and the Coconino Cattle Co. #1. The water well acceptance form on the Coconino Cattle Co. #1 will be mailed to you either with this letter or shortly thereafter.

46 Will you kindly release all three drilling bonds at the earliest opportunity. Thank you.

Very truly yours,

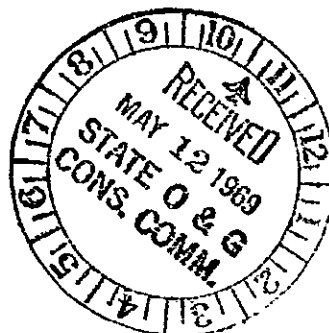
A. A. HOPKINS, JR., OPERATOR

*A. A. Hopkins, Jr.*

A. A. Hopkins, Jr.

AAH/mm

Encl (s)



492

X-Lambert  
Log  
X-Chrono Log

April 2, 1969

Mr. A. A. Hopkins, Jr.  
Oak Creek Trailer Park  
Space #3  
Sedona, Arizona 86336

Re: Hopkins #1 Frye Strat  
T17N, R5E, G & SRM  
Sec. 34: SW/4 NW/4  
Yavapai County, Arizona  
Permit #492

Dear Mr. Hopkins:

Enclosed is the Application For Permit To Drill which has been approved, a copy of the plat, our receipt #9573, an approved copy of your Performance Bond, and our Permit To Drill. Also enclosed is an Application For License, Permit and Miscellaneous Bonds which we believe must have been sent to this office inadvertently and probably should have been returned to Marsh & McLennan.

Please advise this office the date the well is spudded, and keep us up to date on all actions. We have debated as to whether or not we should send you still another set of instruction sheets concerning well samples and the requirements concerning spudding and plugging operations, but we believe that you must have a full understanding of the rules and regulations of this Commission by this time.

Yours truly,

James A. Lambert  
Administrative Assistant

jf  
Enc.

cc: A. A. Hopkins, Jr. Beverly Hills, California